Surveon

# Box Network Camera

QUICK INSTALLATION GUIDE

## Hardware Installation

**Warning!**

Only qualified service personnel should install and service this product in order to avoid risk of injury from electrical shock and energy hazard. Observe all ESD (Electro-static Discharge) procedures during installation to avoid damage to the camera and its components.

**Accessories**

- Quick Installation Guide x1
- Product DVD x1 (including manuals)
- Anchors and Mounting Screws x3
- Camera Stand x1
- RoHs Compliance x1
- Hexagonal Wretch x1 (except for -P series)
- CS-ring x1 (except for -P series)
- Lens (optional, only supplied for -P series)

**Tools Required**

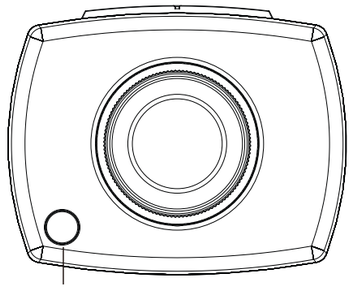
- Phillips Screwdriver
- Electric Drill

**User-provided Items**

- LAN Cable
- PC with Windows (XP or above) and web browsers (Internet Explorer 6.0 or above) installed

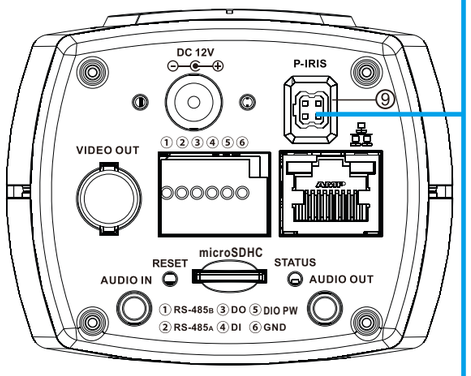
### 1 Hardware Overview

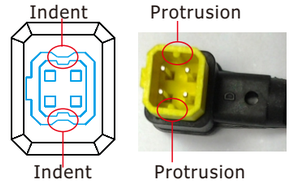
**Front View for CAM23xx/24xx/25xx Series**



Light Sensor

**Rear View for CAM2331P/2331SP/2441P**



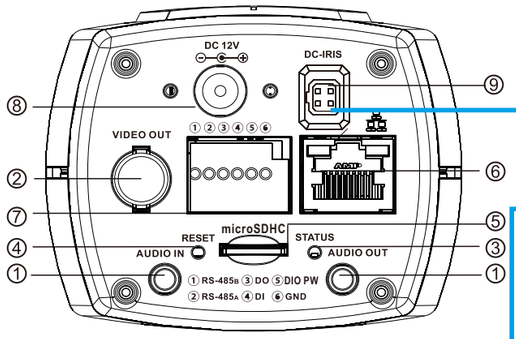



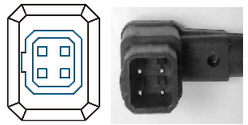
Gray Ring

**Warning**

As shown above, the P-IRIS - Yellow DC power plug with protrusions or with a gray ring must be matched to the correct camera with corresponding DC plug with indents. If matched incorrectly, irreversible damages may occur!

**Rear View for CAM2311/2331/2331SC/2441/2441SC/2511**



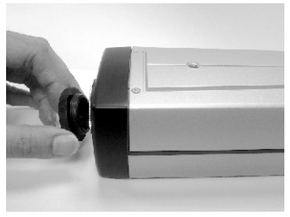
**Warning**

As shown above, the DC-IRIS - Black DC power plug must be matched to the correct camera with corresponding DC plug. If matched incorrectly, irreversible damages may occur!

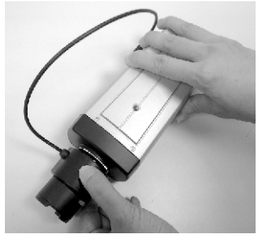
1 Audio In/Out Connector
2 Video Out Connector
3 Status LED Indicator
4 Reset Button
5 MicroSD/SDHC Card Slot
6 Network Connector
7 I/O Terminal Connector
8 Power Connector
9 DC-Iris Connector (certain models only)
9 P-Iris Connector (CAM2xxxP Series)

### 2 Installation

1. Remove the lens cover on the camera.

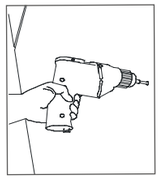


2. Fasten the lens to the camera.

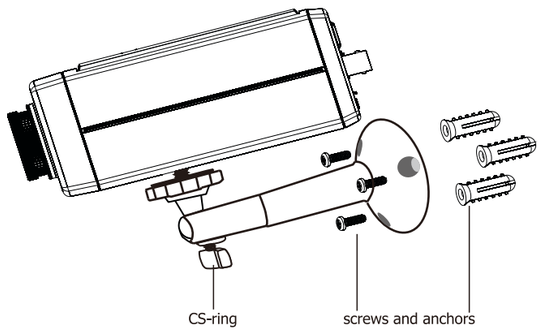


3. Connect the lens cable with the DC-Iris/P-Iris connector on the rear side.

4. Make four screw holes on a flat interface with the electric drill.

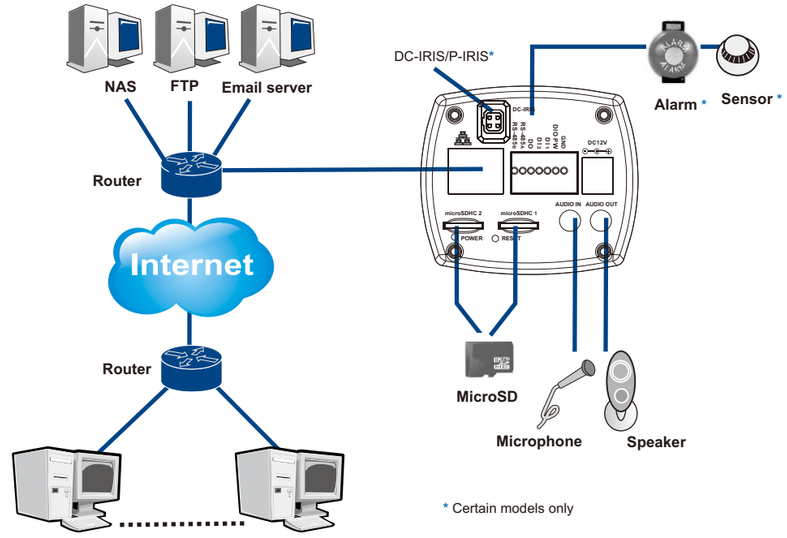


5. Fasten the screws and anchor bolts to secure the camera stand to the surface.
6. Loosen the CS-ring to adjust the desired angle of the camera.
7. Retighten the ring after the desired angle is achieved.




8. Connect the power cord to the power port on the rear side.
9. Insert the LAN cable to the LAN port on the rear side.
10. The status LED indicator will blink amber to indicate the boot-up sequence has started. Wait until the LED is in a steady green state, indicating the camera boot-up is complete.

### 3 Camera Deployment




* Certain models only

Surveon
Complete Megapixel Solutions

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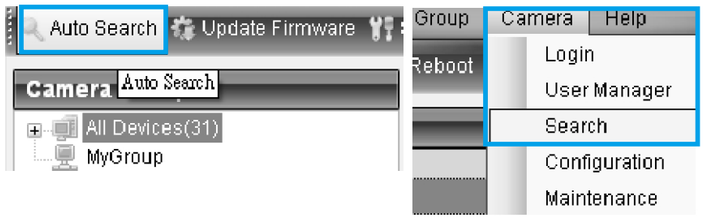
## 4 Before You Start

Please prepare a PC with Windows (XP or above) and web browsers (Internet Explorer 6.0 or above) installed.

# Software Installation

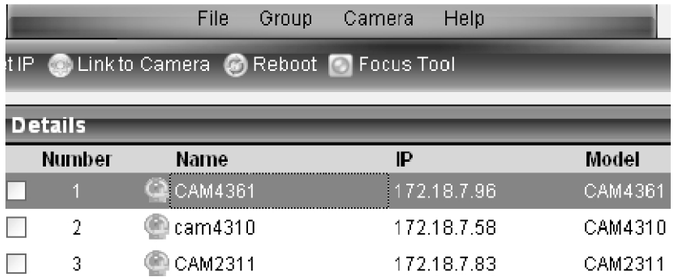
## 1 Obtaining IP Address through the IP Utility

The IP address can be obtained using the IP Utility in your product CD:
1. Double click Start SearchToolInstall.exe to begin the utility installation.
2.After the installation is complete, click the **Auto Search** button or click **Camera > Search** in the menus.




The camera search will begin, and a status bar will display the search progress.

3. The details of the camera will display after the search is finished.

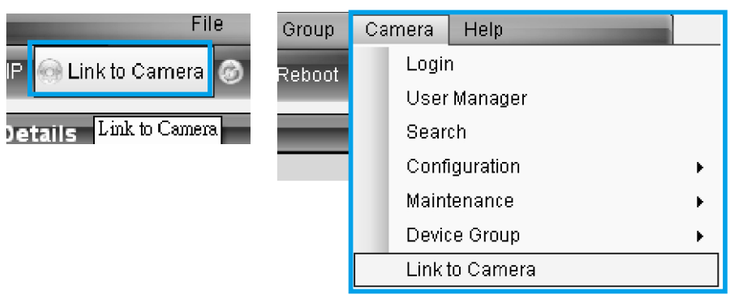



**Note:** (1) The search may take up to 2 minutes, depending on your network configuration.
(2) If your network does not have DHCP service, the default IP address is 192.168.88.10.

## 2 Connecting to the Network Camera

Launch the web browser (Microsoft ® Internet Explorer 6.0 or higher is recommended).
Enter the IP address of the network camera in the address bar of your browser and press enter.

You can also Click the **Link to Camera** button or click to **Camera > Link to Camera** in the IP Utility menu bar.
The camera's live view webpage will open in a browser window.




## 3 Logging into the System

The following information will prompt for logging in:

- **Username** – The username for the domain. **Default is always admin.**
- **Password** – The password for the domain. **Default is always admin.**

Click **OK**.
Once successfully logged in, live video displays in the center of your browser.

## 4 Installing ActiveX Components in Internet Explorer

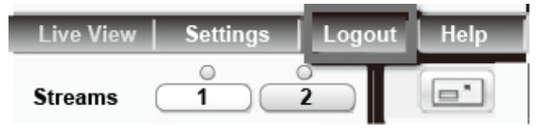
You may be prompted to install ActiveX® components when accessing the network camera's Live View page; click Yes when prompted. You will be able to access the camera after installation is completed. Under Windows, this action may require administrator privileges. If the dialog box suggests that you are not allowed to install ActiveX components, try resolving the problem using the following steps:
1. In Internet Explorer, open **Tools > Internet Options > Security**. Click the **Custom Level** button.
2. Search for Download signed ActiveX controls. Under this heading select Prompt and then click **OK**.

3. Continue installing the ActiveX components.

4. After installing ActiveX, go to **Tools > Internet Options > Trusted Websites > Sites** and add the IP address of the camera.

## 5 Logging out of the System

Logging off of the camera can be performed by closing the browser window. Users can also choose to click the Logout link located at the top of the screen.




**Note:** For details about accessing camera video using QuickTime or Real Player over RTSP, please refer to the IP Camera user manual.

## 6 Network Configuration

Prepare your internet connectivity by clicking **Settings > Network > Network Configuration.** From here you can configure DHCP, static IP, DNS, PPPoE, or DDNS. DDNS is configured by selecting a DDNS site from its drop-down menu.PPPoE setting changes will take effect after a camera reboot. Provide the username and password from your Internet Service Provider (ISP) within the PPPoE section. When PPPoE is applied, the associated DDNS service must be enabled.